cab product marking

Print and Apply

Hermes+

Edition 7.2

Where innovation is traditional

Leadership in innovation since 1975

Since 1975 cab has been setting new technological benchmarks in developing and manufacturing devices and systems for product labelling. Customers from the manufacturing and service industries and trade all benefit directly from our expertise as the innovation leader in the market.
Sophisticated customer demands, customer specific solutions and growth with our partners shape tomorrow´s products.

Development and manufacturing with maximum vertical integration – made in Germany

In order to strengthen and to enlarge our technological leading position we develop and manufacture – according to ISO 9001 – in Germany. As we manufacture the majority of mechanics ourselves with state-of-the-art manufacturing equipment we ensure our high quality standard and, at the same time, remain flexible.

The people – our capital

As an independent family-run enterprise we encourage an innovative atmosphere together with an up-to-date corporate culture for our 250 employees in Germany and our seven cab subsidiaries all over the world. 350 professional and highly skilled distribution partners in more than 80 countries ensure our worldwide appearance.

Acting on our commitment to sustainability and ecological awareness – partner of ENERGY STAR for 11 years

In terms of their energy efficiency our products are optimized. The significance of our commitment to sustainability and ecological awareness is reflected in the distinction of our entire product range with the ENERGY STAR-seal. In addition to the positive effects on the electricity costs the reduced standby-mode saves – totalized for the entire product range- one tonne CO_2 / day.

**Innovative technology for better climate protection.
Energy-saving.
Environmentally conscious.**

*With an average CO_2-emission of 550g/kWh in Germany 2007, source: E.ON

Perfection to the detail

1 Big graphic display
White backlight guarantees clarity of display. Depending on the fitting position the display can be turned in steps of 90°.

2 Navigator pad
Simple, interactive menue control. Applicable functions are illuminated. Menue handling is easy to comprehend.

3 Ribbon retainer
The threepart tightening axles allow a fast and easy ribbon exchange.

4 Solid, buckling resistant metal chassis
It is made of dye-cast aluminium.
All devices are assembled to it.

5 Mounting of the applicator
The applicator is mounted on hinges and can be exchanged easily.

6 Printing offset
After exchanging the label roll the printing position is set up automatically after a few printed labels. The label position is stored, even if the machine is turned off.

7 Printhead
The printhead can be exchanged easily. Adjustments and setups are not necessary.

8 Ribbon saver
It is used for labels which are to be only partially printed. The printhead is lifted off in the plain area and the ribbon is stopped during label feed.

9 Transport system
The ball bearing transport rollers ensure a highly accurate printing and the precise feeding of labels.

10 Label unwinder
The swing lever and the integrated brake make sure that the labels are unwound with constant tension.

11 Rewinder
The liner of a label roll is rewound after the labels have been peeled off. The clamping shafts enable an easy exchange of the roll.

All required interfaces

1. RS232C interface
2. USB 2.0 Slave interface
3. Ethernet 10/100 Base T-interface with TCP/IP
4. Slot for Wireless LAN-card
5. Two USB-Master-interfaces to connect an external operation panel, keyboard, scanner or Service Key
6. Slot for memory card CompactFlash Type I
7. Connection for warning light
   Indicates the display and the printer status
   Green Ready for operation
   Yellow Premonition end of label, end of ribbon
   Red Printing or applying failure
8. Master valve for air pressure:
   For central activation and deactivation of the compressed air supply
9. Connection external emergency stop circuits:
   In connection with a master valve this interface allows a disruption of the compressed air supply in case of emergency
10. Digital I/O interface
    25-pin SUB-D socket.
    All 24V in- and outputs are separated potential-free

Inputs	Outputs
Start printing and applying	Operating state
Repeat print	Print data available
Label feed	Paper feed on
Delete print job	Premonition end of ribbon
Pause	Premonition end of label
Label dispensed	Default end of ribbon
Reset	Default end of label
Stop printing and applying	Label in dispensing position
Print first label	Initial slate / upper end position
Rotation 4200	Applying position / lower end position
	Collective alarm

Options

Interface Centronics bi-directional acc. IEEE 1284.
Interface RS422/RS485 1.200 up to 230.400 Baud/8 Bit.
The interfaces are connected to the PC.
Connection to the printer via mini USB-connection cable.

Label selection box-I/O-box. Via SPS up to 16 different labels can be loaded from a memory card.
Operation of four in-/outputs via Basic Interpreter.

cab WLAN card 802.11 b/g.

Technical data

1. Printhead	Hermes+2		Hermes+4			Hermes+4.3[2]	
Print method	Thermal transfer/Thermal direct						
Print resolution dpi	300	600	203	300	600	203	300
Print speed up to mm/s	150	100	250	250	100	200	150
Print width up to mm	54.2	57	104	105.6	105.6	104	108.4
2. Material							
Labels on rolls	Papers, synthetics like PET, PE, PP, PVC, PU, Acrylat, PI						
Material thickness mm / weight g/m²	0,055 - 0,35 / 60 - 160						
Label width[1] mm	10 - 61		10 - 114				
Width of liner	25 - 65		25 - 118				
Label height[1] when dispensing mm	10 - 250		10 - 250				
Media roll: Total diameter up to mm	205		205 / 305				
Core diameter mm	76						
Winding direction	Outside or inside						
3. Ribbon							
Ink	Outside or inside						
Roll diamter up to mm	80						
Core diameter mm	25						
Ribbon length variable up to m	500						
Width[3] up to mm	60		114				
Ribbbon saver	□						
4. Internal rewinder							
Total diamter up to mm	155						
Core diameter mm	76						
5. Dimensions of the printer							
When media roll total diameter mm	205		205			305	
Height x Depth x Width mm	400 x 400 x 200		400 x 400 x 255			538 x 518 x 255	
Weight kg	15		16			17	
6. Label sensor							
See-through sensor	For leading edge of the label or punching marks and end of material						
Reflective sensor from the botton / from the top	for printing marks						
Distance to locating edge mm	2 - 26		2 - 47				
7. Electronics							
Processor high speed 32 Bit ColdFire/Taktrate MHz	266						
(RAM) MB	64						
Memory IFFS MB Flash	8						
Slot for CompactFlash-card Type I	■						
Slot for für Wireless LAN-card	■						
Battery cache for	Real-time clock, printout of time and date Storage of data with shut-down						
Warning signal	Acoustic signal when error						
8. Interfaces							
Centronics bi-dir ectional acc. IEEE 1284	□						
RS232 C 1.200 up to 230.400 Baud/8 Bit	■						
USB 2.0 High Speed Slave for PC-connection	■						
Ethernet 10/100 Base T, LPD, RawIP-Printing, ftp-Printing, DHCP, HTTP, FTP, SMTP, SNMP, TIME, Zeroconf, mDNS, SOAP	■						
RS422, RS485 1.200 up to 230.400 Baud/8 Bit	□						
WLAN card 802.11b/g WEP/WPA PSK (TKIP)	□						
2 x USB Master for	External operation panel, keyboard, scanner, service key						
Connection for warning light	■						
Digital I/O interface	■						
cab applicator connection	■						
Connection for external emergency stop	■						
Connection for compressed air	■						
9. Operation data							
Power supply	100 - 240 V ~ 50/60 Hz, PFC						
Power consumption	max. 300 W						
Temperature / Humidity	5 - 40°C / 20 - 85% not condensing						
Approvals	CE, FCC class A, CB, CCC, UL						

[1] The label size is additionally defined through the type of the applicator.
Depending on label size, material and adhesive limitations are possible. Critical material or applications have to be testet and cleared.
[2] Preferred for thermal direct.
[3] The ribbon should approximate the width of the labels in order to avoid drapery.

10. Operation panel		
Buttons / LED-displays	Pause, Feed, Cancel, Menu, Enter, 4 x Cursor	
LCD graphic display	Text 4 lines, ca. 20 characters per line	
Width x Height mm	60 x 40	
11. Settings		
	Digital or analog clock System settings Print parameters 25 language settings	Time Date Interfaces Security
12. Monitoring		
Warning if:	End of ribbon ■ End of labels ■	
Stop printing if:	End of ribbon ■ End of labels ■ Printhead open ■	
Indication on the display:	Data reception WLAN field intensity Ethernet state Used memory Temperat. printhead Access to memory card	Clock Date sheet abc Debug Input buffer Remaining ribbon
13. Test routines		
System diagnosis	When switched on with testing of printhead	
Short status, status print	Font list, device list, WLAN state, profile of label, test grid, monitor mode, PPP state	
Status reports	Extensive status print with information about setting, e.g. print length counter, runtime counter etc. Request of machine state via software command. Detailed status messages on the display, e.g. network error-no link, barcode error etc.	
14. Fonts		
Font types	5 Bitmap fonts incl. OCR-A, OCR-B and 3 Vector fonts Swiss 721, Swiss 721 Bold and Monospace 821 available internally, loadable TrueType fonts. Optional Chinese (simplified Chinese) Optional Thai	
Character sets	Windows 1250 up to 1257, DOS 437, 737, 775, 850, 852, 857, 862, 864, 866, 869, EBCDIC 500, ISO 8859-1 up to -10 and -13 up to -16, WinOEM 720, UTF-8, Macintosh Roman, DEC MCS, K0I8-R. All West and East European latin, cyrillic, greek, hebrew and arabic caracters are supported. Optional Thai and Chinese	
Bitmap-Fonts	Size of width and height 1 - 3 mm zoom 2-10. Orientation 0°, 90°, 180°, 270°	
Vector-/TrueType fonts	Size of width and height 0.9 - 128 mm variable zoom, Orientation 360° in steps of 1°	
Font formats	Bold, italic, underlined, outline, negative, grey, vertical, depending on character fonts	
Font width	Variable	

15. Graphics		
Graphic elements	Line, arrow, box, circle, ellipse, filled and filled with fading	
Graphic formats	PCX, IMG, BMP, TIF, MAC, GIF, PNG	
16. Barcodes		
Linear Barcodes	Code 39, Code 93 Code 39 Full ASCII Code 128 A, B, C Codabar EAN 8, 13 EAN/UCC 128 EAN/UPC Appendix 2 EAN/UPC Appendix 5 FIM HIBC	Interleaved 2/5 Ident- and leader code of Deutsche Post AG JAN 8, 13 MSI Plessey Postnet RSS 14 UPC A, E, E0
2D-Codes	Aztec, Codablock F, Data Matrix, PDF 417, Micro PDF 417, UPS Maxicode, QR-Code, RSS 14 truncated, limited, stacked and stacked omnidirectional, EAN-Datamatrix, GS1 Data Bar	
All codes variable in height, module width and ratio. Orientation 0°, 90°, 180°, 270°. Optionally with check digit, printed characters and Start/Stop code depending on code type.		
17. Software		
Programming	J-Script direct programming ■ abc-Basic Compiler ■ Database Connector □	
System diagnosis/ Administration	Printer monitoring ■ Network Manager □	
Label software	cablabel R2+ ■ Codesoft, Nicelabel, Easylabel ○ □ Bartender, Label Matrix, Labelview ○	
Accredited for Windows driver	32/64 bit for Windows 2000 Windows XP Windows Vista Windows 7	Server 2003 Server 2008 ■ Server 2008 R2
Stand-alone operation	■	

■ Standard
□ Option
○ Authorized distribution by resellers

Please recall current data from www.cab.de

The specifications are according to our current technical knowledge. They are subject to change.

Cover
It acts both as protection against accidental contact and contamination.

Protective housing
Protects the applicator against contamination and accidental contact during semi-automatic operation. The size and form is defined order-related.

External operation panel
If the operation panel is not accessible after installation of the printer into a production plant it is possible to attach an external operation panel. The panel is equipped with a slot for a CF-memory card Type I and an USB-interface for the installation of a keyboard, a scanner or a service key.

Compact keyboard
Connection: USB, number of keys: 86.
LxW/mm: 228x132, Cherry G84-4100.

Standard keyboard
Connection: USB, number of keys: 115.
LxW/mm: 460x192, Cherry G83-6105.

Memory card
CompactFlash Type I. Recording of label formats, fonts, texts or graphics either on the printer or on the PC, read- and rewriteable.

Product sensor
For automatic printing and applying after detection of a product, e.g. on a conveyor belt.

Sub-D plug
Connection of the control signals to the IO-interface with screw clamps.

Warning light
Indicates the display and the printer status.
Red: Printing or applying failure
Yellow: Premonition end of label, end of ribbon
Green: Ready for operation
The signal light is mounted directly to the printer, the bracket or somewhere in the surrounding area. Length of connection cable 1 m.

Air-pressure regulation unit
With an angle it is mounted directly to the Hermes+ or the bracket.

Air-pressure regulation unit with additional cut-in valve
In case of integration of the print & apply system into a production line the air-pressure can be turned on or off externally.

The operation and the compliance with CE-standards is only warranted by using cab-made materials or materials recommended by cab.

1 Long operating life
All guides have ball bearings and are therefore resistant to wear.

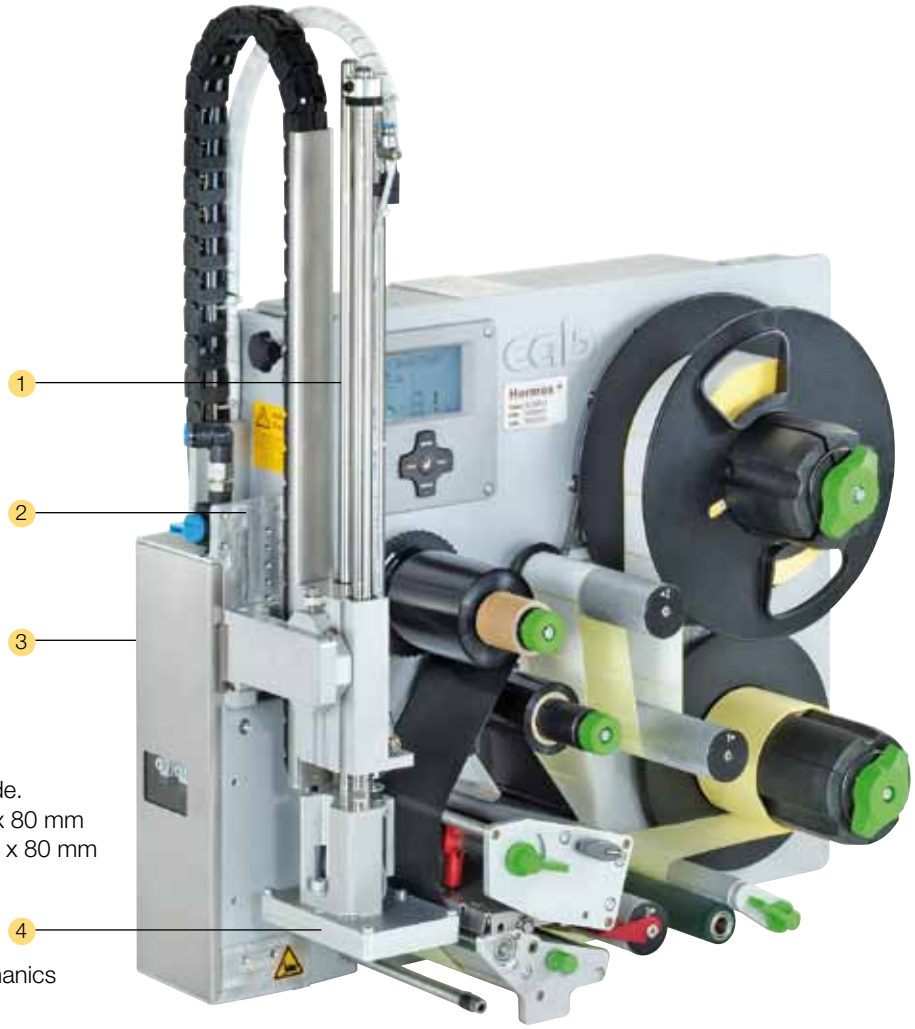
2 Variable product heights
The lift cylinder allows labelling in different heights. It is standard available in 200/300/400 mm length. More lengths on request.

3 High process reliability
The supporting air jet streaming and the induction air as well as the lifting speed are adjustable and controlled via sensors.

4 Real time application
Applicators for small and big labels permit the application of labels with a height of 25 - 250 mm and a width of 20 - 116 mm.

5 Protective cover (not shown)
Used in the semi-automatic operation mode.
Standard size 1 for labels W x H up to 70 x 80 mm
2 for labels W x H up to 116 x 80 mm
Further sizes on request.

6 Retractable applicator
Easy and fast access to the printers 'mechanics for material change or maintenance work.



Label transfer	Tamp	Roll-on	Blow
Label width mm	20 - 116	25 - 116	25 - 116
Label height mm	25 - 200	80 - 250	25 - 100
Cylinder stroke mm	200 / 300 / 400		
Tamp stroke below the device mm	136/236/336	136/236/336	120/220/320
Compressed air bar	4 - 4.5		
Product surface	flat		
Product height variable	■	■	–
fixed	–	–	■
Product in rest	■	–	■
in motion	–	■	■

Upright Print and Apply System

Mounting plate

After installation of the print & apply system into a production plant the fixing screws are accessible from the top.
The mounting plate is bolted directly to the bottom side of the printer.

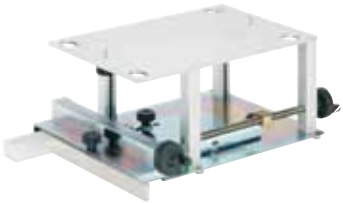
Adapter

For mounting the printer onto a product retainer plate or installation into a production plant.
The adapter is bolted to the bottom side of the printer, the height is adjustable to the appliance.

Ground plate (no picture)

For semi-automatic operation the product retainer is mounted to the ground plate.
The dimensions are customer specific.

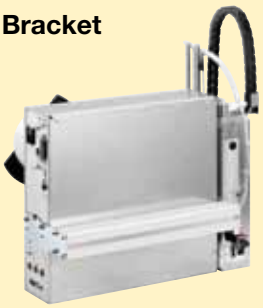
Product retainer



We offer customer specific manufacturing of the product retainer if the labels for applying are to be positioned manually.

Print and Apply System hanging

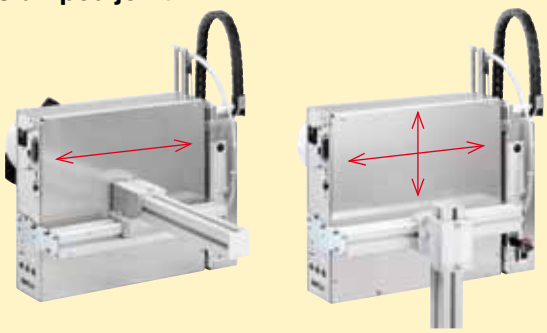
Bracket



Profile dim.: 50 x 50 mm
Supplier: Rose+Krieger
Article-no.: 4.08.5000

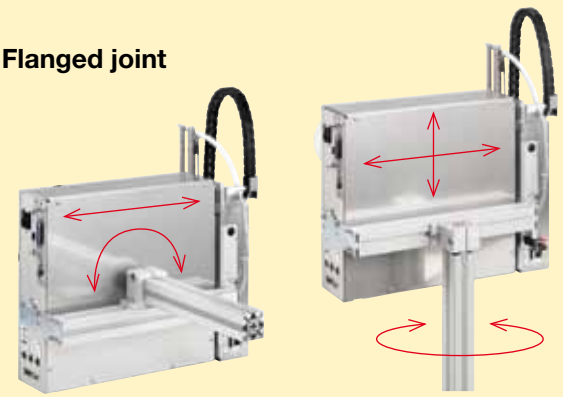
The bracket enables the mounting of the printer in a hanging position.

Clamped joint



The clamped joint permits the mounting of the printer vertically, horizontally and rotated by 90°. By moving the profiles in the universal joint the label is positioned onto the product.

Flanged joint



The flanged joint permits the rototation of the printer around the extruding axis and compensates angular tolerances.

The Hermes stand

The Hermes stand enables the user to operate the printer fast and flexible in any production line. The labelling position is adjustable to the product in height and width with just a few turns. Four guide rollers on the chassis ensure mobility.
On site, the stand is adjustable by foot-rests.
Maximum labelling height is about 1400 mm.

With bracket and clamp joint mounted to the stand

With bracket and flanged joint mounted to the stand

The Hermes stand for flexible printer installation

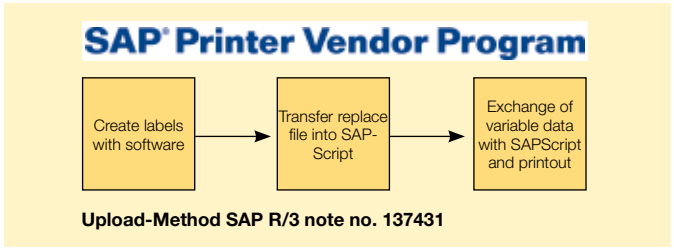
Example: Print and apply in transport direction

Example: Print and apply transverse to the transport direction

J	**Job Start**
H 100	**Speed (100 mm/s)**
O R	**Orientation rotated by 180°**
S l1;0,0,68,70,100	**Size of label (100x68 mm, gap 2 mm)**
T 10,10,0,5,pt20;sample	**Text object/font: Swiss bold, 20 pt**
B 10,20,0,EAN-13,SC2;401234512345	**Barcode EAN 13, size SC 2**
G 8,3.5,0;R:30,9,0.3,0.3	**Graphic, box 30 x 9 mm, Line strength 0.3 mm**
A 1	**Number of labels (in this example 1)**

Direct programming with J-Script

The printer language is easy to understand and integrate into your host system. Linkage of variable data with host application. Label design, graphics and fonts are recorded on the compact flash card. The host computer sends only the variable data to the printer.

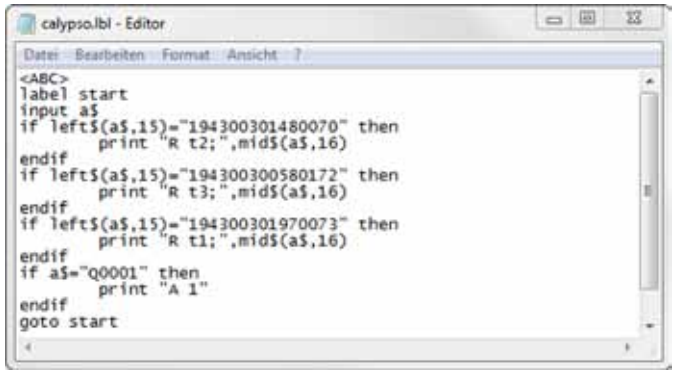


Upload-Method SAP R/3 note no. 137431

Integration into SAP R/3

In collaboration with SAP cab developed the so-called “Replace method” in order to control the cab printers with SAPScript from SAP/R3.
As a Silver Level-partner in SAP´s Printer Vendor Program cab has access to the SAP development area for optimal printer support in a SAP environment.

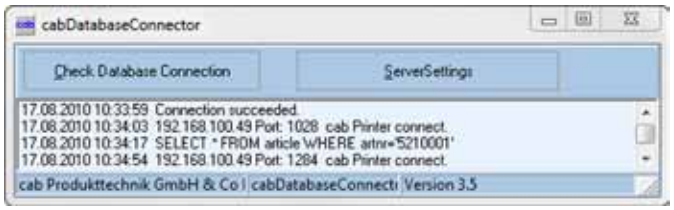
SAP and R/3 are registered trademarks of SAP AG.



abc - Basic Compiler

As an integrated element of the firmware it enables the printer to process data via BASIC programming before being transmitted to print editing. Thereby external printer languages can be replaced or data from other systems, e.g. SPS or a scale, can be transferred to be printed on different label sizes.

Example of use:
Connection to a scale

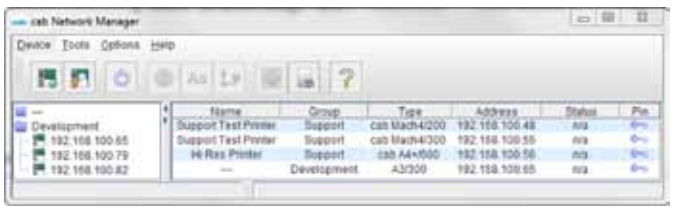


Database Connector

In the stand-alone mode with additional network connection the Database Connector enables stand-alone printers to link up data from a SQL-compatible database and to print.
Data can be rewritten and modified simultaneously with the printing process.

Printer monitoring with Intra- and Internet

The integrated HTTP- and FTP-Server enables, with standard programs like web browser or FTP-clients, the print monitoring, configuration, the firmware-update and the administration of the memory card. Status signals, warning or error signals are sent to users or administrators either as email or SNMP-datagram via SNMP- and SMTP-clients. Synchronization of time and date with a time server.



Administration Network Manager

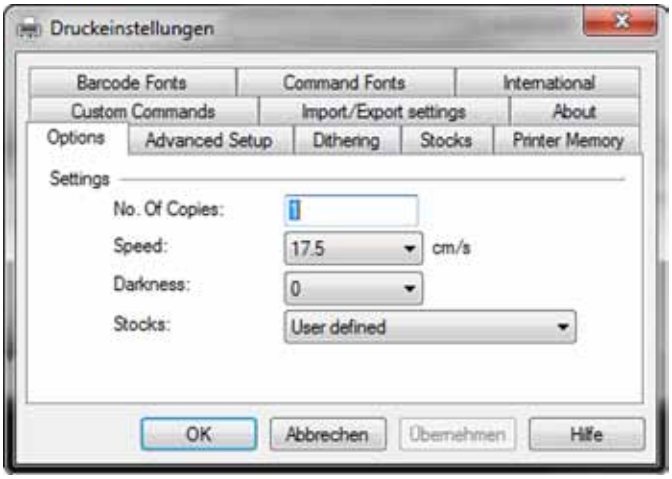
The cab Network Manager enables the user to control multiple printers across a network simultaneously. It supports monitoring, configuration, firmware updates, memory card, datasynchronization and PIN-administration centrally.

WHQL - accredited Windows printer driver for

Windows 2000	Windows Server 2003
Windows XP	Windows Server 2008
Windows Vista	Windows Server 2008 R2
Windows 7	

Our printer drivers are officially accredited and signed by Microsoft. They offer highest stability on your Windows operating system. The programs Word, Excel, Access, Corel Draw etc. permit the design and printing of labels.

Microsoft® is a registered trademark of the Microsoft Corporation.
*Terminalserver / Citrix are not supported.



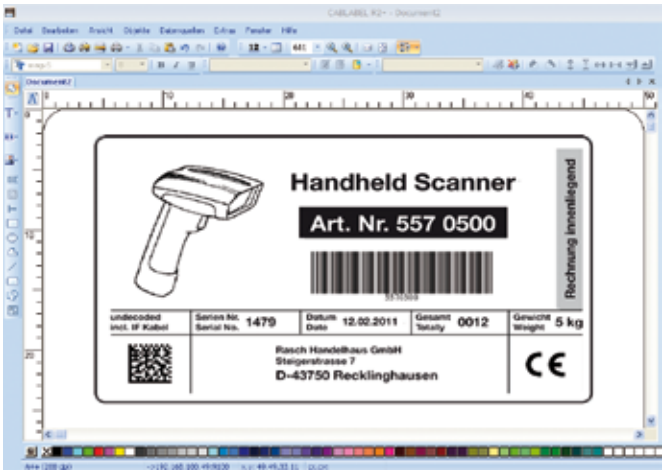
Label software

cablabel R2+ the ideal design of a label is realizable by using different fonts, barcodes and graphics in variable heights, widths and printing directions.

The cab printers offer, besides the loadable MS Windows-available TrueType Fonts, a large number of internal bitmap and vector fonts. Due to the support of the most commonly used codepages country-specific special characters are also printable.

Highly productive functions permit the design and printing of complex labels within just a few minutes. cablabel R2+ supports special functions of the cab printers such as real-time clock, printer counter, stand-alone operation without PC, circular fonts or the display of the data stream into a data file. The MDI-technology permits the synchronous tensioning of several labels and the switching of different objects.

Cablabel R2+ is available in 24 different languages for the following operating systems:



Additional label software…

…such as Codesoft, Nicelabel, Easylabel, Bartender, Label Matrix or Labelview support cab's transfer printers and print & apply systems.
More information is available on our homepage.

Stand-alone operation

Printing with a cab printer without PC.

The layout of the labels is created either with the label software or direct programming via text editor directly on the PC.
Label formats, fonts and graphic data, serial data and data base contents are saved or imported on the CF memory card or the internal IFFS printer memory.

Only variable data is sent to the printer via keyboard or host computer before being printed out. Data of a barcode scanner or a scale can be additionally received by the printer.

Part No.	Hardware L
5955502	Label printer Hermes+ 2L/300-2
5955503	Label printer Hermes+ 2L/600-2
5955504	Label printer Hermes+ 4L/200-2
5955505	Label printer Hermes+ 4L/300-2
5955506	Label printer Hermes+ 4L/600-2
5955507	Label printer Hermes+ 4.3L/200-2
5955508	Label printer Hermes+ 4.3L/300-2
5955511	Label printer Hermes+ 4L/200-3
5955512	Label printer Hermes+ 4L/300-3
5955513	Label printer Hermes+ 4L/600-3
5955514	Label printer Hermes+ 4.3L/200-3
5955515	Label printer Hermes+ 4.3L/300-3

Part No.	Hardware options
595xxxx.201	Label printer Hermes+ with cover[1)]
595xxxx.202	Label printer Hermes+ with ribbon saver
595xxxx.203	Label printer Hermes+ with cover[1)] and ribbon saver

[1)] only for label rolls up to 205 mm Ø

Content of delivery:

Label printer,
Power cable Type E+F, length 1,8 m,
Connecting cables USB, length 1,8 m
Operation manual de/en

DVD: Operation manual de/en/fr,
Configurations manual de/en/fr,
Service manual de/en,
Spare part list de/en,
Programming manual en,
Windows printer driver 32/64 bit in 19 languages for
Windows 2000, Windows XP, Windows Vista, Windows 7, Server 2003, Server 2008, Server 2008 R2
Label software cablabel R2+ in 24 languages
Database Connector en

Part No.	Hardware R
5955752	Label printer Hermes+ 2R/300-2
5955753	Label printer Hermes+ 2R/600-2
5955754	Label printer Hermes+ 4R/200-2
5955755	Label printer Hermes+ 4R/300-2
5955756	Label printer Hermes+ 4R/600-2
5955757	Label printer Hermes+ 4.3R/200-2
5955758	Label printer Hermes+ 4.3R/300-2
5955761	Label printer Hermes+ 4R/200-3
5955762	Label printer Hermes+ 4R/300-3
5955763	Label printer Hermes+ 4R/600-3
5955764	Label printer Hermes+ 4.3R/200-3
5955765	Label printer Hermes+ 4.3R/300-3

Label width	61 mm	**2**
	116 mm	**4**
	116 mm	**4.3**
Label exit to the	left	**L**
	right	**R**
Print resolution	203 dpi	**200**
	300 dpi	**300**
	600 dpi	**600**
for label rolls Ø up to	205 mm	**2**
for label rolls Ø up to	300 mm	**3**

Part No.	Spare parts
5954105.001	Printhead 2/300
5958686.001	Printhead 2/600
5954081.001	Printhead 4/200
5954072.001	Printhead 4/300
5954077.001	Printhead 4/600
5954085.001	Printhead 4.3/200
5954089.001	Printhead 4.3/300
5954102.001	Print roller DR2
5954180.001	Print roller DR4
5961015.001	Drawing roller ZR2
5955638.001	Drawing roller ZR4

	Part No.	Applicators L	
	5966100	Applicator	4010L-100
	5966101	Applicator	4010L-200
	5966102	Applicator	4010L-300
	5966103	Applicator	4010L-400
	Dummy 105	Tamp pad	4010L-1xxx BxH
	5966147	Universal tamp pad	4010L-1100 70x60 BxH
	5966148	Universal tamp pad	4010L-1100 90x90 BxH
	Dummy 106	Blow pad	4010L-2xxx BxH
	Dummy 107	Tamp pad*	4010L-3x15 BxH
	5966149	Universal tamp pad*	4010L-3100 116x102 BxH
	5966150	Universal tamp pad*	4010L-3100 116x152 BxH
	Dummy 108	Roll-on pad	4010L-4x00 BxH
	5966108	Applicator	4110L-100
	5966109	Applicator	4110L-200
	5966110	Applicator	4110L-300
	5966111	Applicator	4110L-400
	Dummy 109	Tamp pad	4110L-1xxx BxH
	Dummy 110	Blow pad	4110L-2xxx BxH
	5966117	Applicator	4210L-200
	5966118	Applicator	4210L-300
	5966119	Applicator	4210L-400
	Dummy 111	Tamp pad	4210L-1xxx BxH
	Dummy 112	Blow pad	4210L-2xxx BxH
	5966125	Applicator	4310L-200
	5966126	Applicator	4310L-300
	5966127	Applicator	4310L-400
	Dummy 113	Tamp pad*	4310L-1x15 BxH
	5966132	Applicator	4410L-100
	5966133	Applicator	4410L-200
	5966134	Applicator	4410L-300
	5966135	Applicator	4410L-400
	Dummy 114	Tamp pad	4410L-1xxx BxH
	Dummy 115	Blow pad	4410L-2xxx BxH
	5966144	Demand module	5110L

Type **4410**

Label exit at the printer
to the left **L**
to the right **R**

Cylinder stroke
100
200
300
400

*spring mounted

	Part No.	Applicators R	
	5966104	Applicator	4010R-100
	5966105	Applicator	4010R-200
	5966106	Applicator	4010R-300
	5966107	Applicator	4010R-400
	Dummy 120	Tamp pad	4010R-1xxx BxH
	5966140	Universal tamp pad	4010R-1100 70x60 BxH
	5966141	Universal tamp pad	4010R-1100 90x90 BxH
	Dummy 121	Blow pad	4010R-2xxx BxH
	Dummy 122	Tamp pad*	4010R-3x15 BxH
	5966142	Universal tamp pad*	4010R-3100 116x102 BxH
	5966143	Universal tamp pad*	4010R-3100 116x152 BxH
	Dummy 123	Roll-on pad	4010R-4x00 BxH
	5966112	Applicator	4110R-100
	5966113	Applicator	4110R-200
	5966114	Applicator	4110R-300
	5966115	Applicator	4110R-400
	Dummy 124	Tamp pad	4110R-1xxx BxH
	Dummy 125	Blow pad	4110R-2xxx BxH
	5966121	Applicator	4210R-200
	5966122	Applicator	4210R-300
	5966123	Applicator	4210R-400
	Dummy 126	Tamp pad	4210R-1xxx BxH
	Dummy 127	Blow pad	4210R-2xxx BxH
	5966129	Applicator	4310R-200
	5966130	Applicator	4310R-300
	5966131	Applicator	4310R-400
	Dummy 128	Tamp pad*	4310R-1x15 BxH
	5966136	Applicator	4410R-100
	5966137	Applicator	4410R-200
	5966138	Applicator	4410R-300
	5966139	Applicator	4410R-400
	Dummy 129	Tamp pad	4410R-1xxx BxH
	Dummy 130	Blow pad	4410R-2xxx BxH
	5966145	Demand module	5110R

Type **4410**

Label exit at the printer
to the left **L**
to the right **R**

Tamp pad **1**
Blow pad **2**
Spring-mounted tamp pad **3**
Roll-on pad **4**

blank **0**
Sliding foil **1**
Foam with sliding foil **2**
Rubber coating **5**

Submersion depth 10 mm **10**

Etikettengröße **BxH**

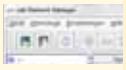
*spring mounted

	Part No.	Accessories
	5961070.001	Cover 4L
	5961187.001	Cover 4R
	596xxxx	Protective housing applicator L
	596xxxx	Protective housing applicator R
	5954380.001	External operation panel
	5901630	Compact keyboard USB Cherry G84-4100
	5901626	Standard keyboard USB Cherry G83-6105
	5561043	Memory card CompactFlash Typ I
	5955712	Photo sensor to start
	5917651	I/O Interface connector SUB-D-plug 25 pole Phoenix Contact No. 2761622
	5537747.001	Warning light
	5955735	Air-pressure regulation unit L
	5955736	Air-pressure regulation unit R
	5955737	Air-pressure regulation unit L with additional cut-in valve
	5955738	Air-pressure regulation unit R with additional cut-in valve
	5918092	Circular plug-in connector 3-pin M8
	5918003	Circular plug-in connector 4-pin M8

	Part No.	Assembling aids print apply systems
	5958400	Mounting plate
	5958401	Assembly frame Workpiece height 150 mm
	59xxxx	Assembly frame Workpiece height customer specific
	xxxxxxx	Base plate
	5955685	Bracket, profile 50 x 50 mm Supplier: Rose+Krieger Article-No. 4.08.5000
	5905824	Joint KV 50
	8914443	Clamped joint, Profile 50 x 50 mm Supplier: Rose+Krieger Article-No. 4.08.5000
	8914444	Flanged joint, Profile 50 x 50 mm Supplier: Rose+Krieger Article-No. 4.08.5000
	5947400	Stand 1600

	Part No.	Interfaces
	5954200 **5954201**	Centronics interface RS422/RS485 interface
	5954191	Label selection - I/O-Box
	5561041	WLAN-card 802.11 b/g

	Part No.	Connecting cable
	5550818	Cable RS232 C 9/9-pin, length 3 m
	5918008	Patch cable KAT 5e, 3 m grey

	Part No.	Software
	DL 40100	Database Connector Licence
	**5580215**	Administration Network Manager
	Content of delivery	Label software cablabel R2+
	On request	Codesoft, NiceLabel, Easylabel
	9008486	Programming manual English, printed copy

The cab delivery program

cab product marking

Label printer A+ series

Label printer XD4
for double sided printing

Label printer XC6
for two-tone printing

Label printer e4

Label printer MACH4

Labels / Ribbons

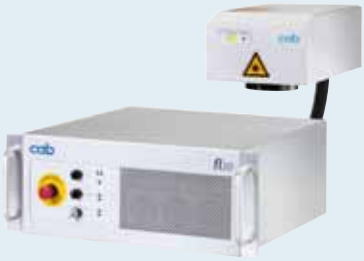
Label dispenser HS150

Print and Apply
Hermes+

Print module PX-series

Label software

Laser marking systems
FL-series



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